

Title (en)
Dispenser with child-proof protection system

Title (de)
Spender mit Kindersicherung

Title (fr)
Distributeur avec sécurité enfants

Publication
EP 2719465 A3 20140903 (DE)

Application
EP 13184893 A 20130918

Priority
DE 102012218434 A 20121010

Abstract (en)
[origin: EP2719465A2] The dispenser has a protective device that is attachable to a feeding device in a protective position such that an accessibility and/or maneuverability of an actuating handle is prevented in a protective condition of the protective device. An enable condition of the protective device is achievable upon releasing a coupling device. The partial shells are displaceable relative to another so that the protective device is removable from the feeding device and the accessibility and/or maneuverability of the actuating handle is obtainable.

IPC 8 full level
B05B 11/00 (2006.01); **A61M 15/08** (2006.01)

CPC (source: EP US)
A61M 15/0001 (2014.02 - US); **A61M 15/08** (2013.01 - EP US); **B05B 11/0027** (2013.01 - EP US); **B05B 11/0032** (2013.01 - EP US); **B05B 11/1059** (2023.01 - EP US); **A61M 2202/064** (2013.01 - EP US); **A61M 2205/276** (2013.01 - EP US)

Citation (search report)

- [X] FR 2876676 A1 20060421 - VALOIS SAS [FR]
- [X] US 2009255958 A1 20091015 - SANTONI GIORGIO [IT], et al
- [X] US 2009242502 A1 20091001 - QIN JACK JIE [US]
- [X] DE 3342883 A1 19850605 - THERMOPLAST & APPARATEBAU GMBH [DE]
- [X] US 3770168 A 19731106 - SAGARIN P
- [X] WO 2005107955 A1 20051117 - SAINT GOBAIN CALMAR GMBH [DE], et al
- [X] US 2003106901 A1 20030612 - MESHBERG PHILIP [US]
- [X] DE 102010011761 A1 20110922 - COSMED GMBH & CO KG [DE]
- [X] US 2007080174 A1 20070412 - COE MATTHEW T [US], et al
- [X] WO 2012103740 A1 20120809 - DING YAOWU [CN]
- [X] US 4368830 A 19830118 - SOUGHES EDWARD K

Cited by
GB2519173A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2719465 A2 20140416; EP 2719465 A3 20140903; EP 2719465 B1 20180328; DE 102012218434 A1 20140424; EP 3354351 A1 20180801; EP 3354351 B1 20190814; US 2014097207 A1 20140410; US 2016184534 A1 20160630; US 9352348 B2 20160531; US 9943655 B2 20180417

DOCDB simple family (application)
EP 13184893 A 20130918; DE 102012218434 A 20121010; EP 18163697 A 20130918; US 201314032590 A 20130920; US 201615066259 A 20160310